

Fig. 2

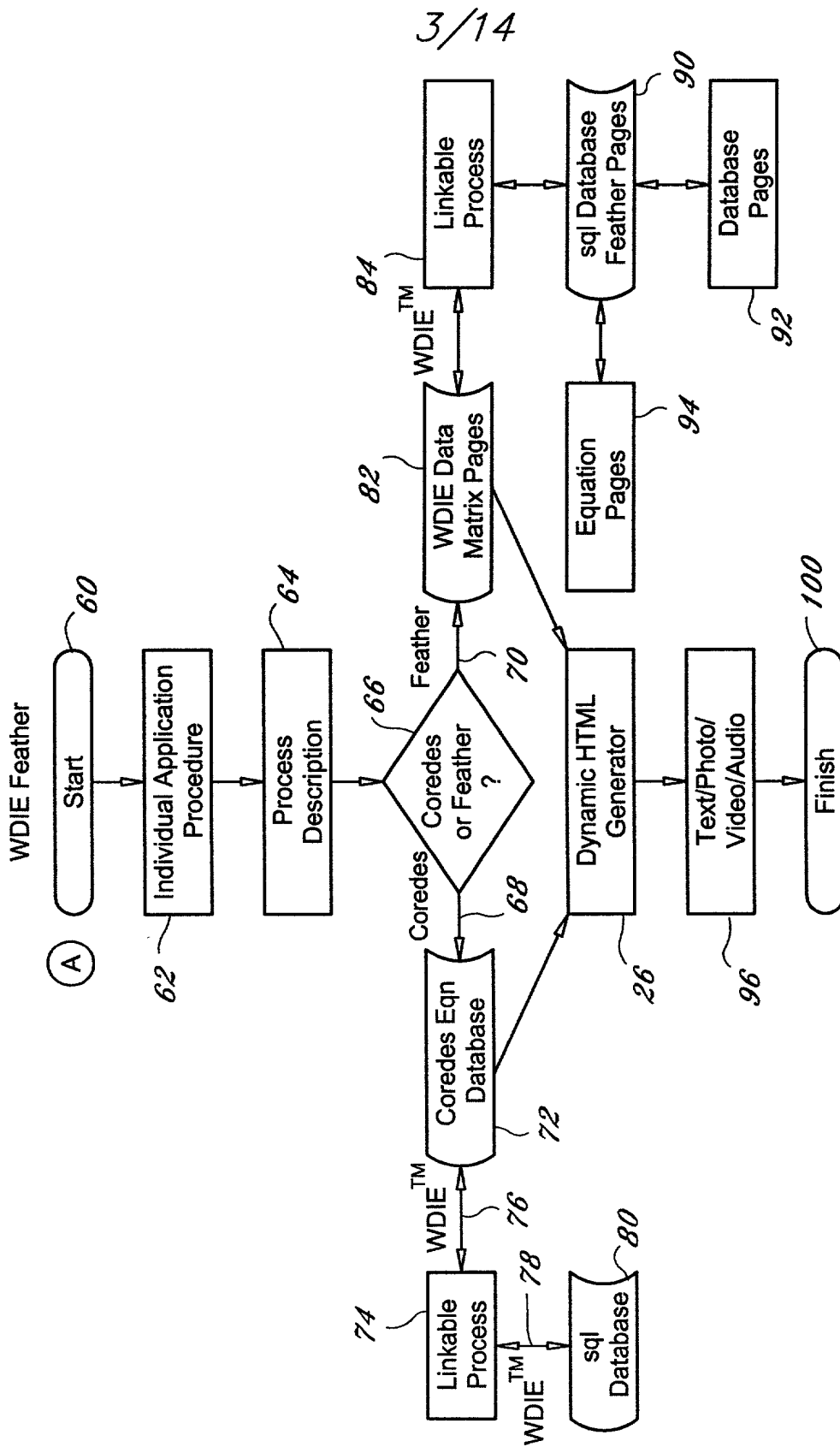


Fig. 2A

4/14

WDIE Feather

1) Equation Page

Original Input = _____ : ☐
 : ☐
 : ☐

Calculation Yields Output

Δ = _____ ☐ _____ ☐ _____ ☐
 ↑
 Result

Input

☐
☐
☐

Page

Output

Δ
 Δ
 Δ

Page

2) Data Matrix Page

Original Discrete Input Data

Calculation (if necessary)

Δ = _____ ☐ _____ ☐ _____ ☐
 ↑
 Result

Input

Alpha
☐

☐
☐

Page

Output

Data
 Δ

 Δ
 Δ
 Δ

Page

Index
Keying

Nodes

Page

Fig. 2B

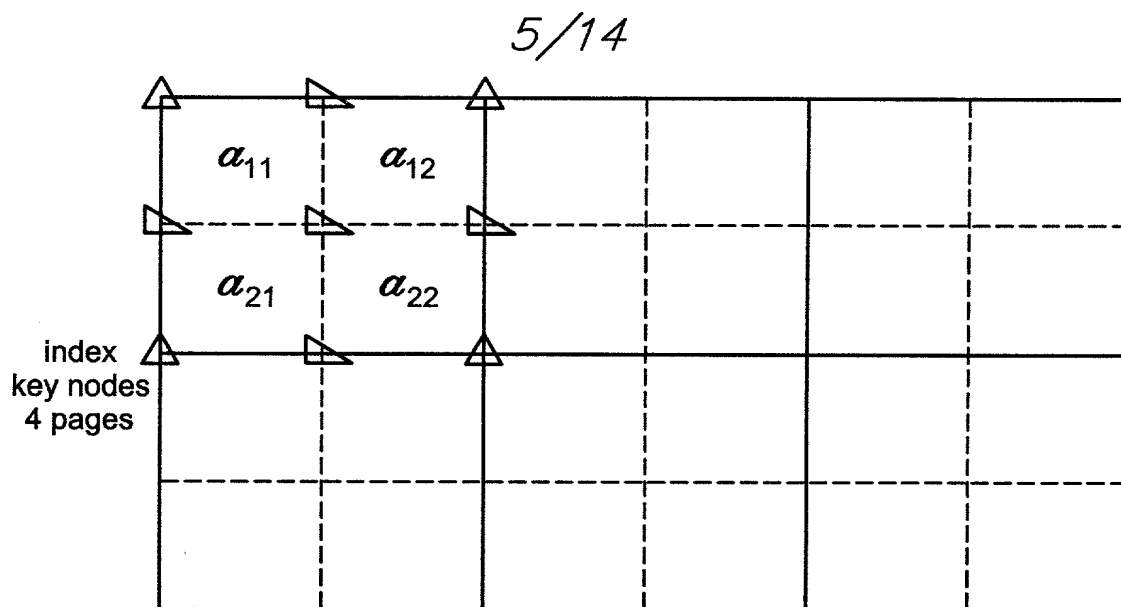


Fig. 2C

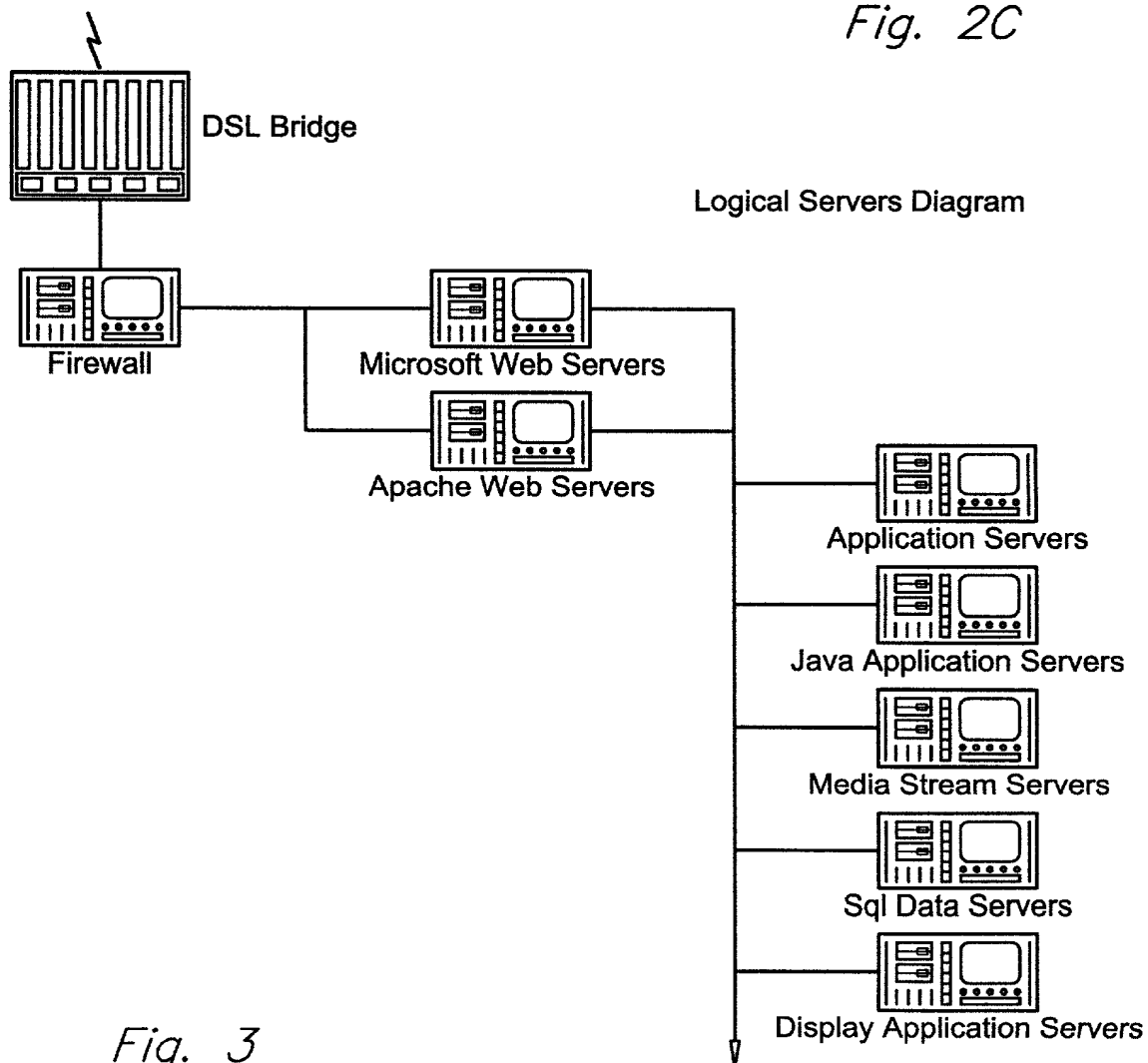


Fig. 3

6/14


Web Browser			
File	Edit	View	Favorites Tools Help
Address		http://www.engineering-i.com/	
engineering-i.com			
<p>Welcome to engineering-i.com!</p> <p>engineering-i.com will provide a unique forum for engineering analysis and communication through the medium of the internet.</p> <p>engineering-i.com is the answer to the increasing demands of designers and engineers working with sandwich composites in the marine field, aerospace, building and construction industries</p> <p><u>ENTER WIRELESS ACCESS</u></p> <p><u>ENTER</u></p>			
Start			9:11 PM

Fig. 4

7/14

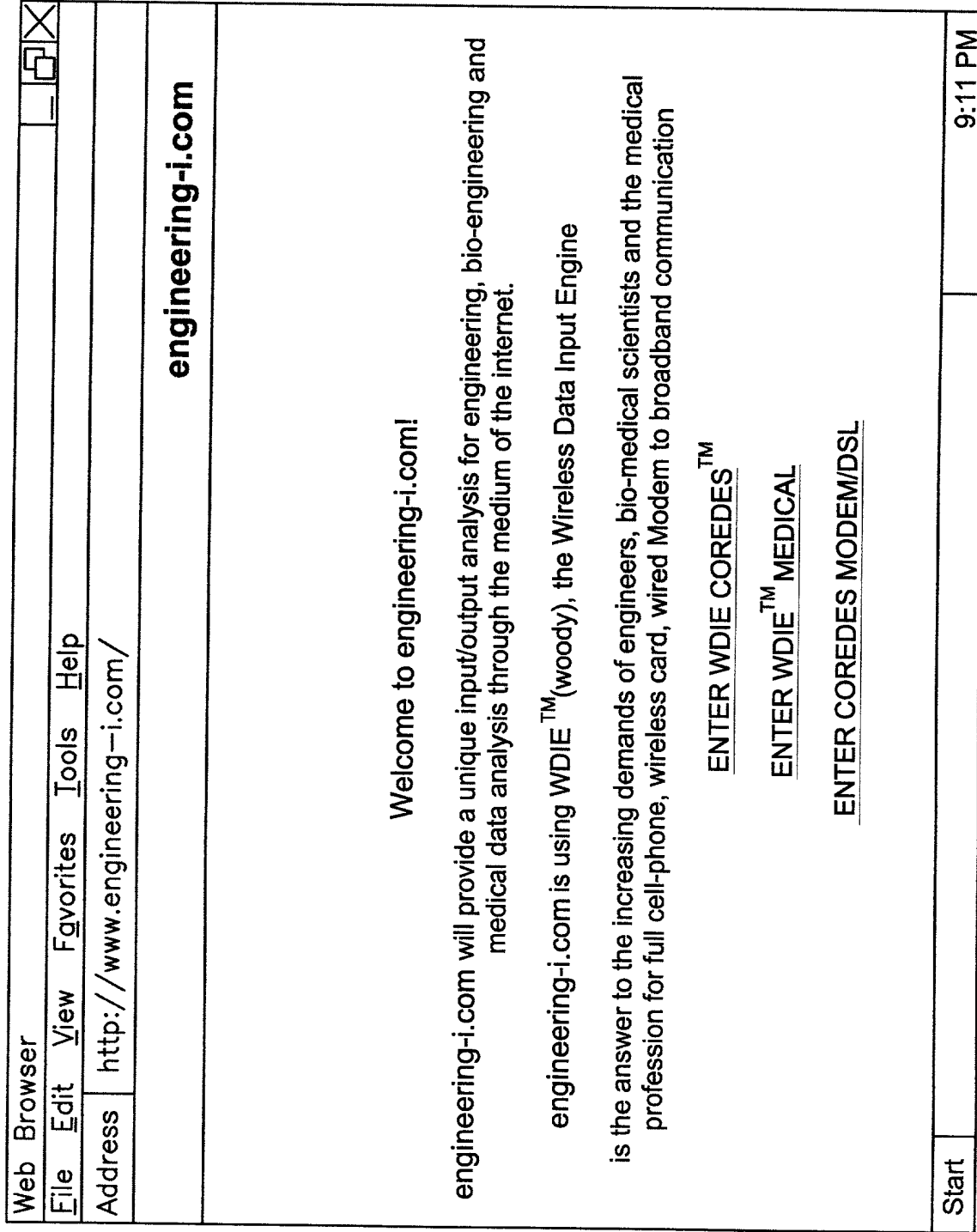


Fig. 4A

8/14

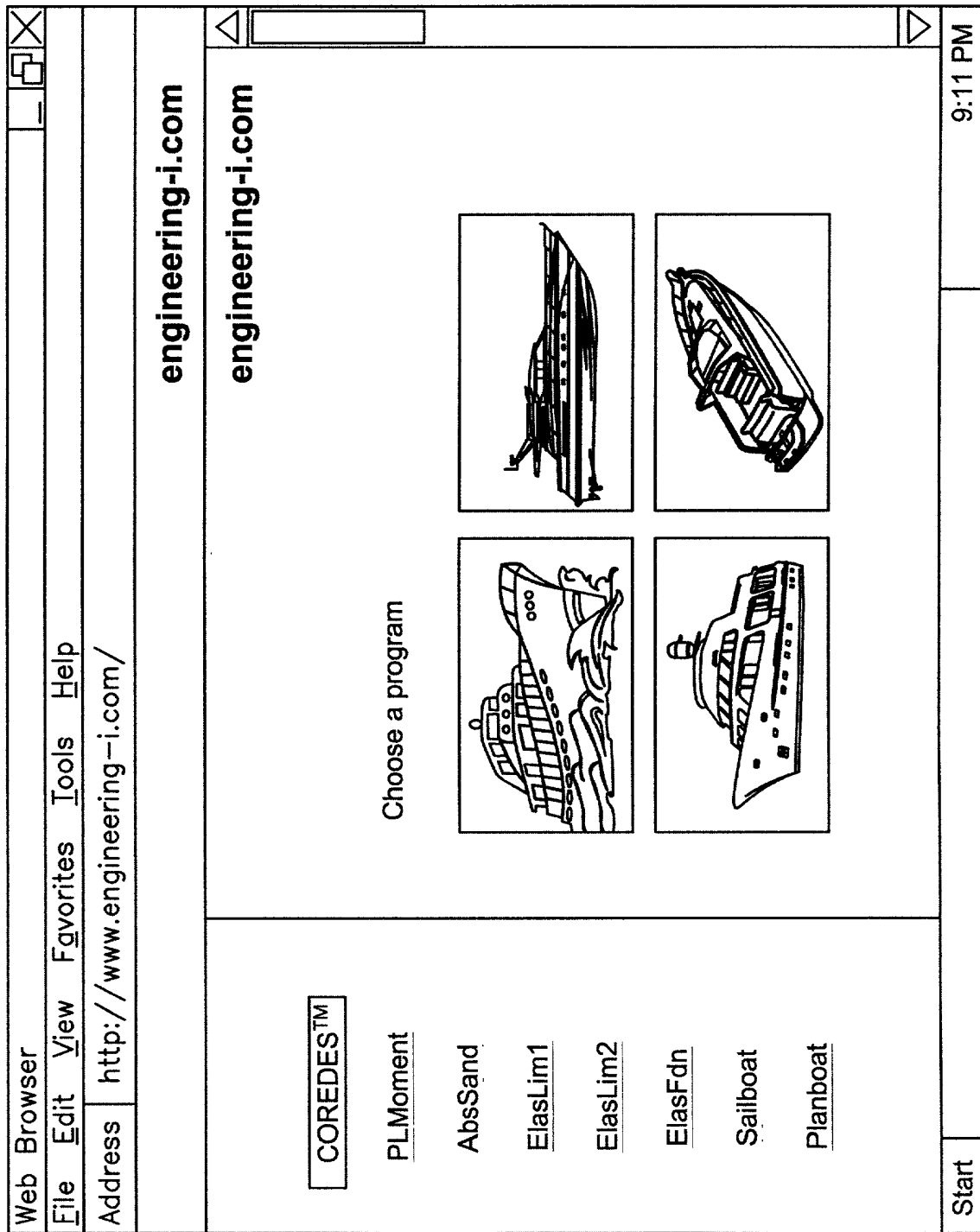


Fig. 5

Fig. 6

Fig. 6

10/14

Web Browser

File Edit View Favorites Tools Help

Address http://www.engineering-i.com/

engineering-i.com

COREDES™

PLMoment

AbsSand

ElasLim1

ElasLim2

ElasFdn

Sailboat

Planboat

Single Skin

Programs

Home

Input Parameters:

Top Skin thickness=0.1

Core Thickness=0.934

Bottom Skin thickness=0.112

Flexural Elastic Modulus Sandwich=913000.0

Flexural Elastic Modulus Core=7000.0

AutoCalc Omega=Yes

Output Results:

Omega (Geometric)=0.00232065

1/2 Buck=0.88682025

Omega 1=9.63243850889533E-5

Omega 2=1.0361503725543246E-5

Omega 3=-0.009798827718722184

Omega 4=-0.004107235245087985

Omega=0.002476532898214347

SIGMA*=0.0251371

SIGMA CRIT. (Prin. Yield)=2853.2546927

Start

9:11 PM

Fig. 7

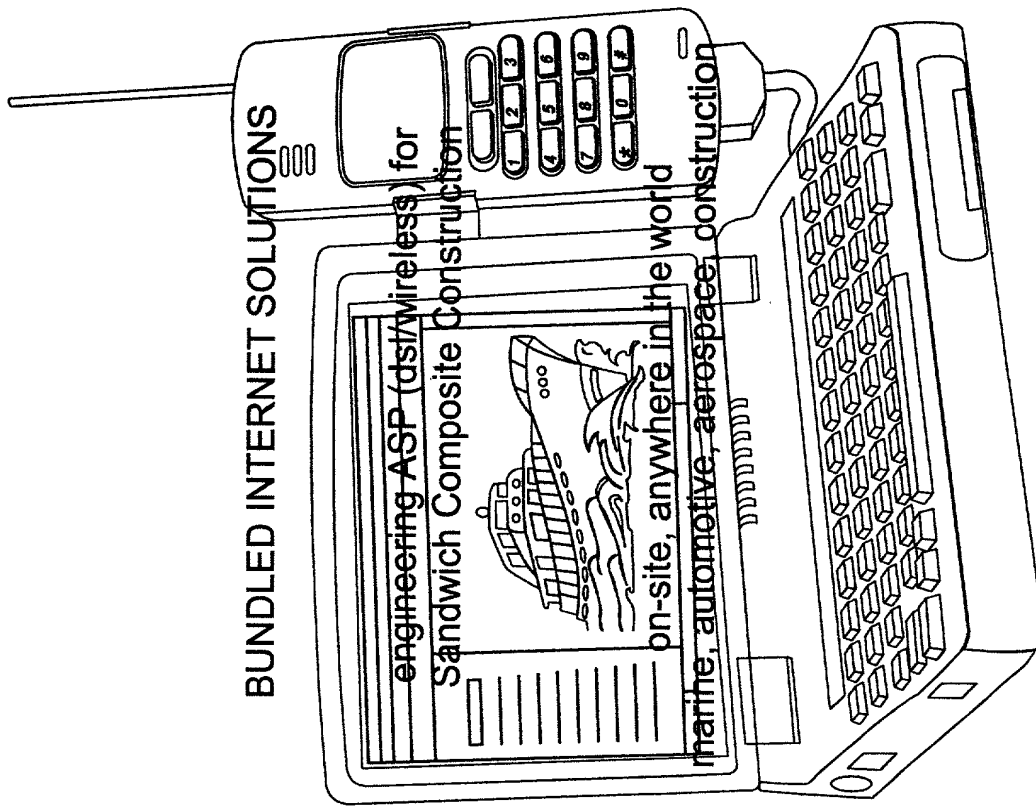


Fig. 8

12/14

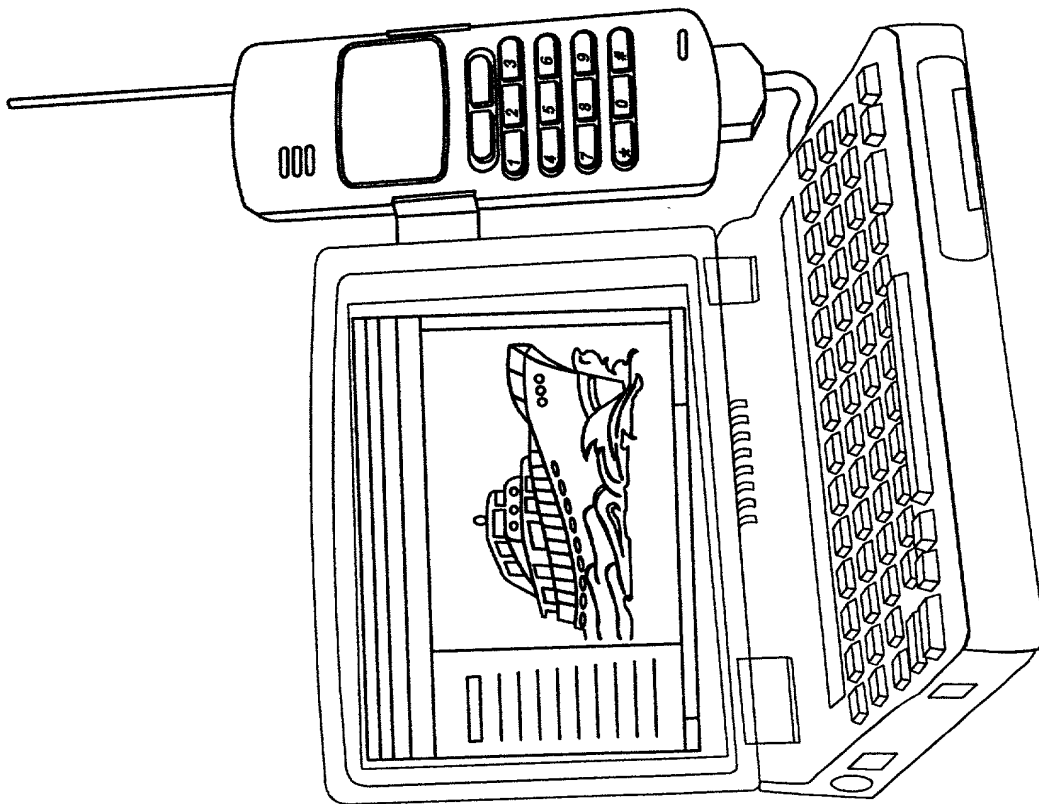
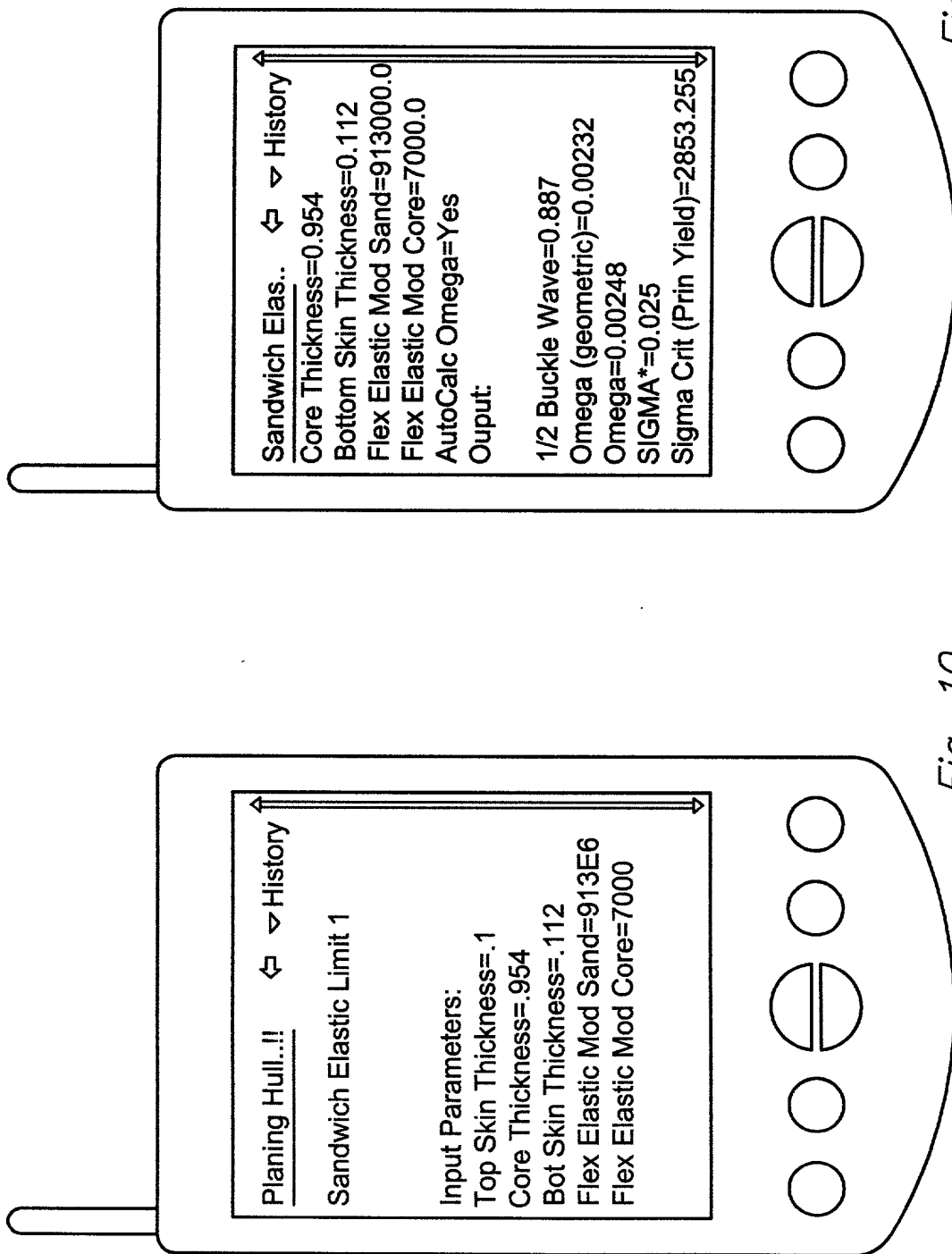


Fig. 9



Personnel

Personnel tab

FirstName: text

LastName: text

Phone: text

EmpID: integer

Done Tabs ▾ 2 Layout ⇅

Fig. 12